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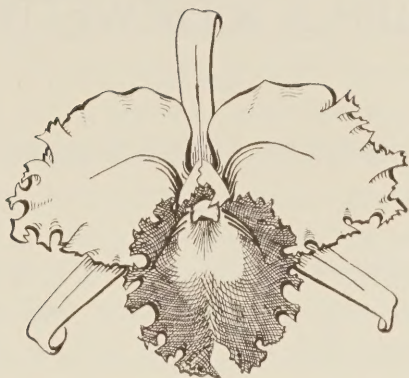
Slc. Radians, A.M., F.C.C., G.M.W.

Photo by SARRA

KIESEWETTER ORCHID GARDENS

1953 CATALOGUE

Roslyn, N.Y.



Ralph R. Kieseewetter's

many years of experience as an Orchid Hybridist go into the making of every seedling produced at Kieseewetter's Orchid Gardens. Through these years, no effort has been spared to guard and maintain the long-established, strict, and well-recognized policy of Kieseewetter's **SUPERIOR QUALITY PRODUCTION**. Second to none, the very best stud plants procurable are used in each of Kieseewetter's crosses, and every one is guaranteed to be as herein represented.

Wasted years of anticipation and expensive efforts, doomed to end in disappointment, can be avoided by the selection of reliable, modern seedlings based upon the ultimate in technical advancement and developed by the skill and craftiness of a professional hybridist of long experience.

You can select a Kieseewetter seedling with confidence. Our **KNOW-HOW** and **FIDELITY OF PURPOSE** are YOUR **PROTECTION**.

RALPH R. KIESEWETTER

Of

Kiesewetter Orchid Gardens

begs to announce that, beginning in 1952, a basically new plant-breeding policy has been effected. Pursuant with the tenets of a rigid research program, only crosses from laboratory-controlled stud plants will be allowed on the market. Henceforth, all seedlings will bear the stated cytological composition of either parent.

An Introductory Note

by

Dr. James A. de Tomasi

Research Consultant

Akin to any other vegetating organism, the orchid plant is made up of living tissues. Tissues, in turn, consist of myriads of individual microscopic cells, each organized as a basic unit, distinct yet clearly dependent upon all others. Why is the cell so significant a unit? Within the sustaining enclosure of the cell wall floats, amidst other constituents, an all-important small body, the cell nucleus. Here is where specialized micro-technique and high-power microscopy come in to help open wider horizons in the search for the orchid of the future.

The nucleus is largely made up of a protein-like substance, the chromatin, so named for its high affinity for biological dyes used in its detection and identification. When a cell is about to divide (as they all do, a ceaseless process that goes on as long as tissues continue to grow), the nucleus undergoes profound changes. Its chromatin, from a seemingly unorganized granular mass, gradually assumes definite shape in the form of separate minute bodies somewhere of the order of one-thousandth of an inch or so in length. These are the chromosomes, the carriers of hereditary units, whose shape and size and number are important differential characteristics. The transmission of hereditary characters from parents to progeny is exclusively the function of chromosomes in specialized cells, the sex cells of flower bud tissue.

In orchid breeding, among other factors, the number of chromosomes possessed by a plant is a primary cytological factor deciding the qualifications of that plant to serve as a worthy parent or stud. Experience accumulated from intense experimentation of the last few years indicates unmistakably that polyploidy, or the presence of more than the number of chromosomes normal for any particular plant group, is a basic prerequisite for a rational and scientific development of superior strains in new crosses. Work in the leading *Cattleya* family has so far lagged behind because of specific technical difficulties. For some time, we have been active in this field. Our purpose is to develop vastly improved and consistently uniform crosses in terms of plant vigor and productivity as well as of blossom size, color, texture, and keeping qualities.

By leaving behind the hit-and-miss guesswork of the past, and by *genetically* embodying, instead, into our seedlings both polyploidy and the controllable maturity factor, it is our ultimate aim to produce in orchids the best that man can contrive, advancing resolutely with the moving frontiers of science.

Foreword

It is sincerely believed that all basic information needed to evaluate the main characteristics of the parents listed herein can be supplied precisely and to-the-point without undue redundancy. For purposes of clearness and brevity, where feasible, each main class of the following crosses is subtitled with a comprehensive, though conservative, set of carefully checked characters found to hold true for all parents in that class. Concurrently, and advisedly, the wording of individual descriptions has been kept within very few essential terms. So it is with reference to the flowering season, a complement endowed with a considerable degree of pliability. Of course, should further clarification on any of these points be desired, please ask for it in writing.

Please note that the majority of parent plants herein listed are the recipients of one or more Awards of Honor.. The others, equally worthy in every respect, have not as yet been exhibited or entered into Competition. Also, please notice the complete listing here, for the first time anywhere, of the chromosomal assessment for each parent. The identity of color, when specified, is in accordance with Ridgway's Color Standards and Color Nomenclature.

Those who visit KIESEWETTER ORCHID GARDENS can choose from numerous varieties not listed in this catalogue, since I can only catalogue a fraction of our stock.

SEEDLINGS OF Laboratory - Controlled PARENTAGE

Parental Characters: high floriferousness; 3-6 flowers per plant;
heavy texture; overall diameter 7"—9";
petal width 3" — 3¼"

Very large, exhibition-type flowers expected in progeny

Available in Tubes for Spring Shipment

Each tube contains over one hundred sturdy transplanted seedlings

CROSS NUMBER	IDENT. NO. OF PLANT	PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER TUBE
K 71	Triploid 1415	Lc. Trail's End, F.C.C.	This cross is controllable	\$35.00
		X		
	Tetraploid 1010	Lc. Hilary, F.C.C. Two of the finest forms of hybrids that are famous for their quality are combined here. The result will be a large, dark purple, heavy textured, well balanced flower.		
K 16	Triploid 1400	Lc. Gertrude Hampton, F.C.C.	Fall	\$35.00
		X		
	Tetraploid 650	C. Robert H. Jewell, F.C.C. This cross, I am sure, will command interest. I expect a large range of color from extremely dark purples to yellows with red lips.		
K 48	Diploid 215	C. Peetersii	This cross is controllable	\$35.00
		X		
	Triploid 1400	Lc. Gertrude Hampton, F.C.C. Expect a very fine free-flowering, heavy-textured, large sized dark purple flower from this cross.		
K 55	Triploid 1415	Lc. Trail's End, F.C.C.	This cross is controllable	\$35.00
		X		
	Tetraploid 1389	C. Labiata The combination of this cross includes everything that one expects of a fine modern hybrid.		
K 58	Triploid 1153	Lc. Ceylon Topaz	This cross is controllable	\$35.00
		X		
	Tetraploid 1389	C. Labiata This fine cross has been made to produce large, dark purple, heavy-textured flowers to cover the Christmas season.		

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CROSS NUMBER	IDENT. NO. OF PLANT	PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER TUBE
K 83	Triploid 1471	Lc. Redskin X	Spring	\$35.00
	Tetraploid 1174	Lc. Lucifer This cross has been made to produce flow- ers during March, April and May. It has fine heavy-textured, large, medium to dark purple flowers.		
K 6	Triploid 1115	Slc. Radians, A.M., F.C.C., G.M.W. X	Not determined	\$35.00
	Tetraploid 1389	C. Labiata Expect a color range of reds from this fine cross.		
K 10	Triploid 1115	Slc. Radians, A.M., F.C.C., G.M.W. X	Not determined	\$35.00
	Tetraploid 1600	Lc. Joseph Hampton, var. Roslyn, F.C.C. Expect a large sized Slc. from this fine cross with a color range from deep purples to bright reds.		
K 18	Triploid 600	C. Venus X	Fall to Spring	\$35.00
	Tetraploid 10	Lc. Haroldiana Expect a large sized, heavy-textured yel- low with red lip.		
K 19	Triploid 1410	Ble. Chief Joseph X	Fall to Spring	\$35.00
	Diploid	Bc Durga Expect an exceptionally fine yellow with purple lip.		

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CROSS NUMBER	IDENT. NO. OF PLANT	PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER TUBE
K 15	Triploid 1410	Blc. Chief Joseph	Late Fall to Spring	\$35.00
		X		
	Diploid 1220	C. Hardyana, var. Mrs. Clement Moore Expect a very fine free flowering, heavy- textured yellow with bluish purple lip.		
K 59	Triploid 1410	Blc. Chief Joseph	Late Fall to Spring	\$35.00
		X		
	Tetraploid 10	Lc. Haroldiana Expect free-flowering, heavy-textured yel- lows with red lips.		
K 21	Triploid 59	C. Joyce Hannington, F.C.C.	This cross is controllable	\$35.00
		X		
	Tetraploid 559	C. Celia Expect a large heavy-textured free-flow- ering white.		
K 60	Triploid 1437	C. Bow Bells, A.M.	April to June	\$35.00
		X		
	Tetraploid 86	C. Louise Georgiana I have every reason to expect a pure, heavy-textured, free-flowering above-the- average white.		
K 76	Triploid	Lc. Albula alba	Late Fall to June	\$35.00
		X		
	Tetraploid	C. Labiata alba A very fine Lc. Albula and a very heavy- textured C. Labiata alba have been used to make this cross. I have every reason to expect a large free-flowering white with colored lip of this fine cross.		
K 26	Diploid 1472	Lc. Schroderae, var. Fasays	January to March	\$35.00
		X		
	Tetraploid 1178	Lc. Cynthia, var. Majestica I am looking forward to a large heavy- textured white with colored lip. It is free- flowering during the Winter months.		

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Parental Characters: high floriferousness; 3-6 flowers per plant;
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Very large, exhibition-type flowers expected in progeny

Community pot size seedlings available of the following fine crosses

CROSS NUMBER	IDENT. NO. OF PLANT	PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER SEEDLING
K 71	Triploid 1415	Lc. Trail's End, F.C.C.	This cross is controllable	\$2.00
		X		
	Tetraploid 1010	Lc. Hilary, F.C.C. Two of the finest forms of hybrids that are famous for their quality are combined here. The result will be a large, heavy- textured dark purple, well balanced flower.		
K 16	Triploid 1400	Lc. Gertrude Hampton, F.C.C.	Fall	\$2.00
		X		
	Tetraploid 650	C. Robert H. Jewell, F.C.C. This cross, I am sure, will command inter- est. I expect a large range of color from extremely dark purples to yellows with red lips.		
K 48	Diploid 215	C. Peetersii	This cross is controllable	\$2.00
		X		
	Triploid 1400	Lc. Gertrude Hampton, F.C.C. I expect a very fine free-flowering, heavy- textured large sized dark purple flower from this cross.		
K 55	Triploid 1415	Lc. Trail's End, F.C.C.	This cross is controllable	\$2.00
		X		
	Tetraploid 1389	C. Labiata The combination of this cross includes everything that one expects of a fine mod- ern hybrid.		
K 58	Triploid 1153	Lc. Ceylon Topaz	This cross is controllable	\$2.00
		X		
	Tetraploid 1389	C. Labiata This fine cross has been made to produce large, dark purple, heavy-textured flowers to cover the Christmas season.		

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	Tetraploid 1174	Lc. Lucifer This cross has been made to produce flow- ers during March, April and May. It has fine heavy-textured large, medium to dark flowers.		
K 6	Triploid 1115	Slc. Radians, A.M., F.C.C., G.M.W. X	Not determined	\$2.00
	Tetraploid 1389	C. Labiata Expect a color range of reds from this fine cross.		
K 10	Triploid 1115	Slc. Radians, A.M., F.C.C., G.M.W. X	Not determined	\$2.00
	Tetraploid 1600	Lc. Joseph Hampton, var. Roslyn, F.C.C. I expect a large sized Slc. from this fine cross with a color range from deep purples to bright reds.		
K 18	Triploid 600	C. Venus X	Fall to Spring	\$2.00
	Tetraploid 10	Lc. Haroldiana Expect a large sized heavy-textured yellow with red lip.		
K 19	Triploid 1410	Blc. Chief Joseph X	Fall to Spring	\$2.00
	Diploid	Bc. Durga Expect an exceptionally fine yellow with purple lip.		
K 15	Triploid 1410	Blc. Chief Joseph X	Late Fall to Spring	\$2.00
	Tetraploid 1220	C. Hardyana, var. Mrs. Clement Moore Expect a very fine free flowering, heavy- textured yellow with bluish purple lip.		

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CROSS NUMBER	IDENT. NO. OF PLANT	PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER SEEDLING
K 59	Triploid 1410	Blc. Chief Joseph	Late Fall to Spring	\$2.00
		X		
	Tetraploid 10	Lc. Haroldiana		
		Expect free-flowering heavy-textured yellows with red lips.		
K 21	Triploid 59	C. Joyce Hannington, F.C.C.	This cross is controllable	\$2.00
		X		
	Tetraploid 559	C. Celia		
		Expect a large heavy-textured free-flowering white.		
K 60	Triploid 1437	C. Bow Bells, A.M.	April to June	\$2.00
		X		
	Tetraploid 86	C. Louise Georgiana		
		I have every reason to expect a pure, heavy-textured, free-flowering above-the-average white.		
K 76	Triploid	Lc. Albula alba	Late Fall to June	\$2.00
		X		
	Tetraploid	C. Labiata alba		
		A very fine Lc. Albula and a very heavy-textured C. Labiata alba have been used to make this cross. I have every reason to expect a large free-flowering white with colored lip of this fine cross.		
K 26	Diploid 1472	Lc. Schroderae, var. Fasays	January to March	\$2.00
		X		
	Tetraploid 1178	Lc. Cynthia, var. Majestica		
		I am looking forward to a large heavy-textured white with colored lip. It is free-flowering during the Winter months.		

PHALAENOPSIS SEEDLINGS

Of Laboratory - Controlled Parentage

Are Available in 4" Pans of the Following Fine Crosses

CROSS NUMBER	IDENT. NO. OF PLANT		PARENTAGE DESCRIPTION	PRICE PER PLANT
K 12	Triploid	No. 3	Phal. Doris	\$10.00
			X	
	Tetraploid	No. 2	Phal. Aphrodite	
			Superior texture, pure white flowers of excellent shape.	
K 9	Triploid	No. 3	Phal. Doris	\$10.00
			X	
	Tetraploid	No. 1	Phal. Cast Iron Monarch, var. A.M.	
			Exceptional quality, a large pure white with heavy substance.	
K 17	Triploid	No. 5	Phal. La Canada	\$10.00
			X	
	Tetraploid	No. 2	Phal. Aphrodite	
			Very large white flowers, with excellent shape, sprays will reach three or four feet.	
K 68	Triploid	No. 4	Phal. Summer Cloud	\$10.00
			X	
	Tetraploid	No. 1	Phal. Cast Iron Monarch, var. A.M.	
			Exceptional parents producing large well-formed white flowers of heavy texture.	
K 19	Triploid		Phal. Chieftain	\$10.00
			X	
	Tetraploid	No. 1	Phal. Cast Iron Monarch, var. A.M.	
			Graceful sprays of well placed white flowers. Fine substance and shape.	

FLOWERING SIZE PLANTS

Are Available of the Following Fine Crosses

Parental Characters: high floriferousness; 3-6 flowers per plant;
heavy texture; overall diameter 7"—9";
petal width 3" — 3¼"

Very large, exhibition-type flowers expected in progeny

CROSS NUMBER	PARENTAGE DESCRIPTION	FLOWERING SEASON	POT SIZE	PRICE PER PLANT
K 31	Lc. Cuesta X C. Hardyana	Most Any	4"	\$10.00
	From above-the-average to exhibition types.	Time	5"	\$20.00
			5½"	\$25.00
K 27	Lc. Joseph Hampton, var. Roslyn, F.C.C.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Hilary, F.C.C.		5½"	\$25.00
	From above-the-average to exhibition types.			
K 42	Lc. Cuesta X Lc. Hilary, F.C.C.	Most Any	4"	\$10.00
	From above-the-average to exhibition types.	Time	5"	\$20.00
			5½"	\$25.00
K 95	Lc. Joseph Hampton, var. Roslyn, F.C.C.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Ishtar		5½"	\$25.00
	From above-the-average to exhibition types.			
K 137	Lc. Hilary, F.C.C.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Dorothy Tucker		5½"	\$25.00
	From above-the-average to exhibition types.			

*You are cordially invited to visit our
greenhouses, located only 20 miles
from New York City.*

KIESEWETTER ORCHID GARDENS

R.F.D. ROSLYN, NEW YORK

TEL. GARDEN CITY 7-8396

FLOWERING SIZE PLANTS

Are Available of the Following Fine Crosses

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heavy texture; overall diameter 7"—9";
petal width 3" — 3¼"

Very large, exhibition-type flowers expected in progeny

CROSS NUMBER	PARENTAGE DESCRIPTION	FLOWERING SEASON	POT SIZE	PRICE PER PLANT
K 73	Lc. Princess Margaret, var. Bonnycrest	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Bernice		5½"	\$25.00
	From above-the-average to exhibition types.			
K 3	Blc. Nanette X C. Labiata alba	Most Any	4"	\$10.00
	From above-the-average to exhibition types.	Time	5"	\$20.00
	White with colored lip.		5½"	\$25.00
K 92H	Blc. Nanette X Lc. President Wilson alba	Most Any	4"	\$10.00
	From above-the-average to exhibition types.	Time	5"	\$20.00
	White with colored lip.		5½"	\$25.00
K 78H	Lc. Princess Margaret, var. Bonnycrest	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Cameronian		5½"	\$25.00
	From above-the-average to exhibition types.			
K 193H	Blc. Dawn Angela, var. G.M.W.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Princess Margaret, var Stonehurst		5½"	\$25.00
	From above-the-average to exhibition types.			
K 113H	Lc. Princess Margaret, var. Stonehurst	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Conquistador		5½"	\$25.00
	From above-the-average to exhibition types.			
K 122H	Lc. Princess Margaret, var. Stonehurst	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Blc. Ishbel		5½"	\$25.00
	From above-the-average to exhibition types.			

FLOWERING SIZE PLANTS

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petal width 3" — 3¼"

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CROSS NUMBER	PARENTAGE DESCRIPTION	FLOWERING SEASON	POT SIZE	PRICE PER PLANT
K 124	Lc. Princess Margaret, var. Bonnycrest	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Miranda		5½"	\$25.00
	From above-the-average to exhibition types.			
K 51	C. Enid X Lc. Cassandra, F.C.C.	Most Any	4"	\$10.00
	From above-the-average to exhibition types.	Time	5"	\$20.00
			5½"	\$25.00
56	Bc. Heather Queen	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Ishtar		5½"	\$25.00
	Expect large heavy textured, exhibition type, early Spring flowers.			
40	Lc. Windermere, F.C.C.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	C. Tityus var. Goliath		5½"	\$25.00
	Expect large heavy textured, exhibition type, early Spring flowers.			
102	Blc. Dawn Angela, G.M.W.	Most Any	4"	\$10.00
	X	Time	5"	\$20.00
	Lc. Invicta, F.C.C.		5½"	\$25.00
	Expect large heavy textured, exhibition type, early Spring flowers.			

I also have a limited number of divisions to offer from award
winning plants. Availability and prices on application.

INDIVIDUAL VANDA SEEDLINGS

Are Available in the Following Crosses

Some of the finest parents in cultivation were used to produce
these seedlings.

CROSS NUMBER	PARENTAGE DESCRIPTION	POT SIZE	PRICE PER SEEDLING
136	Vanda Sanderiana, A.M. X Selfed Combination of light pink, brown, green	4"	\$ 5.00
SKA 67	Vanda Manila Shell pink dotted with fine dark red markings X Vanda Rothschildiana Deep sky-blue with indigo lip.	4"	\$ 5.00
SKA 57	Vanda Sanderiana, A.M. Combination of light pink, brown, green. X Vanda Rothschildiana Deep sky-blue with indigo lip.	4"	\$ 5.00
SKA 30	Vanda Dearei Very heavy substance, medium size, canary yellow throughout. X Vanda Rothschildiana Deep sky-blue with indigo lip.	4"	\$ 5.00
K 55	Vanda Sanderiana, A.M. Combination of light pink, brown, green. X Vanda Coerulea Uniform solid sky-blue	4"	\$ 5.00

GENERAL INFORMATION

and SPECIAL INSTRUCTIONS

SEEDLINGS IN TUBES

Seedlings in tubes will be shipped dry; that is, removed from the agar-agar and put back into the tubes dry. This prevents the stirring up of seedlings during shipment. Seedlings in tubes are never offered for sale until they are ready for transplanting into community pots. To avoid excessive losses, prepare your community pots in advance and plan to transplant seedlings upon arrival.

CUSTOMERS WHO WISH TO GROW ON THEIR SEEDLINGS FOR A WHILE LONGER IN THE TUBES SHOULD PLAN TO PICK THEM UP HERE AT KIESEWETTER'S ORCHID GARDENS.

ORDERING

Orders may be placed early to reserve your selections, but shipments will be made only when weather conditions permit safe delivery to your door. Orchid plants must be guarded against chilling since they may not recover from the set-back suffered. The safe shipping period opens about April 15th and continues through October. If shipment is made to a cold area, you should plan to pick up the parcel immediately upon arrival, thus averting delays and exposure in unheated delivery trucks.

When you place your order, please mention a second choice, if you have one. NO SUBSTITUTIONS WILL BE MADE WITHOUT SPECIFIC INSTRUCTIONS FROM YOU.

PRINT OR TYPE YOUR NAME AND ADDRESS CLEARLY.

INCLUDE DEFINITE SHIPPING INSTRUCTIONS WITH ALL ORDERS.

Please specify whether you wish your package sent by Air Mail, Air Parcel Post, regular mail, Air Express, Air Freight, or Railway Express.

SHIPPING

Selection is unfailingly made from the finest and largest plants available in each lot of the cross in your order; however, please remember that all crosses do not attain the same size at the same time, therefore, do not expect to receive seedlings all of equal size when ordering various crosses. They may or may not be so, and the explanation is simple: all of the tubes are not started at the same time, therefore, the period of growth varies in each case placing different crosses at an individual stage of development. Furthermore, different parent plants evidence different growing habits often reflected in the seedlings produced by these plants. Also, the amount and intensity of sunlight during any one season plays an important part in the growth of plants: seedling size from the same cross may vary somewhat

from one year to another. Be assured that you will receive the best from the lot that you have ordered.

ALL SHIPMENTS ARE MADE F.O.B. ROSLYN, L.I., NEW YORK and there is no additional charge made for packing.

SHIPPING CHARGES

All freight and express packages marked for delivery within the boundaries of continental United States will be sent COLLECT. When prepayment of postage is required, we will advance the necessary charges and a statement will be forwarded to you following shipment. Prompt reimbursement of these charges will be appreciated.

INSURANCE

All packages will be insured to the full value of their contents except when they are to travel by mail. The U. S. Post Office will not accept parcels containing plants for insurance. Our careful attention will be given to adequate insulation, secure wrapping, and labeling, but further responsibility after the parcel leaves our hands must be assumed by the customer.

PAYMENT

All orders are payable in U.S. Dollars; check, cash, or money order should accompany your order, unless previous arrangements have been made to open a credit account. When cash is used for payment, please send by Registered Mail for safe delivery.

ALL ITEMS LISTED ARE SUBJECT TO PRIOR SALE.

Non-Warranty

I, Ralph R. Kiesewetter, of Kiesewetter Orchid Gardens, give no warranty, express or implied, as to the productivity of any of the plants sold and will not be in any way responsible for the crop. My liability in all instances is limited to the purchase price of these plants.

Kiesewetter Orchid Plants and Seedlings

are available only from

KIESEWETTER ORCHID GARDENS
R. F. D. ROSLYN, L. I., NEW YORK

Phone: GARDEN City 7-8396

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